NETWORK FABRIC PHYSICAL LAYER

5   ## ABSTRACT OF THE DISCLOSURE

A network fabric physical layer includes a driver coupled to a receiver via a bus, which implements a multiphase encoded protocol. A multiphase sequencer sequences (data or command/control) words for the driver. The driver outputs the sequenced words onto the bus as a differential multiphase encoded waveform. The

10   receiver receives the differential multiphase encoded waveform and performs statistical analysis to determine data integrity checking. The bus is a concurrent differential bi-directional bus and each transmitting driver includes impedance compensation circuitry on both ends of a transmission line so that each drives its signal value with the impedance characteristics of the transmission line. The receiver

15   also includes jitter immunity.